



3500.013980

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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10/29/02
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(lmd)
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In re Application of:)
: Examiner: C. RoDee
SATORU MOTOHASHI ET AL.)
: Group Art Unit: 1756
Application No.: 09/428,453)
:
Filed: October 28, 1999)
:
For: PHOTSENSITIVE MEMBER)
AND CLEANING APPARATUS : October 18, 2002

Commissioner for Patents
Washington, D.C. 20231

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AMENDMENT AND PETITION FOR EXTENSION OF TIME

Sir:

I. Applicants petition to extend the time for response to the Office Action dated June 20, 2002 for one (1) month, from September 20, 2002 up to and including October 21, 2002 (October 20 is Sunday). A check in the amount of \$110.00 for payment of the extension fee is enclosed. Please charge any additional fee required for the extension, and credit any overpayment, to Deposit Account 06-1205.

II. In response to the Office Action dated June 20, 2002, the time for response having been extended by the above petition and payment of the extension fee, kindly amend the subject application as follows and consider the following remarks.

09/428,453

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15. (Three Times Amended) A process unit comprising:

- (a) an electrophotographic photosensitive member for retaining a developer image thereon;
- (b) a charging member in contact with said electrophotographic photosensitive member for charging the electrophotographic photosensitive member; and
- (c) a cleaning member for cleaning a surface of said electrophotographic photosensitive member by scraping the surface of said electrophotographic photosensitive member,
- wherein the surface of said electrophotographic photosensitive member produces scraped particles of said surface, said particles have an average particle diameter of $9\text{ }\mu\text{m}$ or less and a total weight of the scraped particles is 16 mg or more per a length of $2.8 \times 10^2\text{ mm}$ in a longitudinal direction of said electrophotographic photosensitive member, when the surface of said electrophotographic photosensitive member is scraped by said cleaning member without said electrophotographic photosensitive member retaining the developer image thereon under conditions in that said cleaning member abuts against said electrophotographic photosensitive member at an abutment pressure of 20-80 gf/cm and a movement distance of said electrophotographic photosensitive member is $1.0 \times 10^6\text{ mm}$, and
- wherein said electrophotographic photosensitive member has a charge transport layer at a surface thereof, and said charge transport layer includes a blend of a first polycarbonate resin having a viscosity average molecular weight of 15,000 or less, a second polycarbonate resin having a higher viscosity average molecular weight than said first polycarbonate resin, and fluoroplastic particles of not less than 1 part by weight and not more than 10 parts by weight based on a total weight of said charge transport layer.